



SHELL ADRANA FLUID E203

General Purpose Semi-Synthetic Cutting Fluid

Shell Adrana E203 is an advanced, premium quality, semi-synthetic, biostable water-mix fluid for general purpose metal working operations.

Applications

For use on a wide variety of workpiece materials including low to medium tensile steels, aluminium copper and their alloys, and cast iron.

- Drilling
- Turning
- Boring
- Reaming
- Milling
- Threading
- Grinding

ITEM DESCRIPTION	MOODYPART
SHELL ADRANA FLUID E203	
20L SIZE	7001268
209L SIZE	7001269

Performance Features

- Chlorine and nitrate free.
User friendly. Environmentally safe, low disposal costs.
- Bio-stable
Incorporates proven bio-resistant components to provide extended emulsion life.
- Lubricity
High oil content provides excellent lubricity and fluid residue on slideways during machining operations.
- Corrosion Inhibition
Bio-resistant corrosion inhibitors and high oil content for effective protection.
- Low Foaming
Low foaming qualities even in water of low hardness.
- Operator Acceptability
Low odour, clean formulation for pleasant working environment.
- Translucent Emulsion
Excellent workpiece visibility.



SHELL ADRANA FLUID E402

Low Oil Content Biostable Water Extendible Metalworking Fluid

Shell Adrana E402 is an extremely bio-resistant metalworking coolant concentrate which is intended for use in large centralised systems where traditionally difficult materials, from a fluid management point of view, are machined. Shell Adrana E402 is particularly suitable for cast iron machining.

Applications

- General machining and grinding of cast iron and low to medium tensile general engineering stock.
- General purpose machining of non-ferrous alloys.

Whilst Shell Adrana E402 can be used to machine non-ferrous alloys such as bronzes and brasses, it is not recommended that components be left in the emulsion for extended periods.

Performance Features

- Optimised Oil Content
Keeps components clean and free from swarf allowing easier washing and handling.
- Tramp Oil Resistance
Readily rejects tramp oil for easy removal of contamination.
- Excellent Fines Handling
Cast Iron Swarf not suspended in coolant as in typical emulsions.
- Good Detergency
Internal surfaces, cabinet and slideways remain cleaner and black deposits much reduced.
- Good Corrosion Protection
Machine tools and components remain corrosion free providing product concentration maintained.
- Excellent System Life
In all field trials Shell Adrana E402 outperformed other products in terms of its bacterial stability.